GRIMES KIRK D
Form 4
November 12, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
GRIMES KIRK D

(Last) (First) (Middle)

C/O FLUOR CORPORATION, 6700 LAS COLINAS BOULEVARD

(Street)

IRVING, TX 75039

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
FLUOR CORP [FLR]

3. Date of Earliest Transaction (Month/Day/Year)
11/11/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director
__X__ Officer (give title below)
_____ 10% Owner
_____ Other (specify below)
Group President

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/11/2010		M		1,386	A	$ 42.105	48,122	D	
Common Stock	11/11/2010		M		3,488	A	$ 44.705	51,610	D	
Common Stock	11/11/2010		M		6,663	A	$ 30.46	58,273	D	
Common Stock	11/11/2010		S		29,740	D	$ 56	28,533	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 D S (I
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee stock option (right to buy)	$ 42.105	11/11/2010		M			1,386	(1)	02/05/2016	Common Stock	1,386	
Employee stock option (right to buy)	$ 44.705	11/11/2010		M			3,488	(2)	03/06/2017	Common Stock	3,488	
Employee stock option (right to buy)	$ 30.46	11/11/2010		M			6,663	(3)	03/06/2019	Common Stock	6,663	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GRIMES KIRK D C/O FLUOR CORPORATION 6700 LAS COLINAS BOULEVARD IRVING, TX 75039			Group President	

Signatures

/s/ Eric P. Helm by Power of Attorney	11/12/2010
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

****** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The option vests in five equal annual installments beginning on 2/5/07.

(2) The option vests in five equal annual installments beginning on 3/6/2008.

(3) The option vests in three equal annual installments beginning on 3/6/10.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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